

ANTENNA SYSTEM AND PORTABLE RADIO UNIT MOUNTING THE SAME

Publication number: JP2002050914

Publication date: 2002-02-15

Inventor: NISHIKIDO TOMOAKI; SAITO YUTAKA; NAGANO TAKEYA;
HARUKI HIROSHI

Applicant: MATSUSHITA ELECTRIC IND CO LTD

Classification:

- International: H01Q1/38; H01Q1/24; H01Q9/38; H01Q9/40; H01Q1/38;
H01Q1/24; H01Q9/04; (IPC1-7): H01Q1/24; H01Q1/38;
H01Q9/36; H01Q9/40

- European:

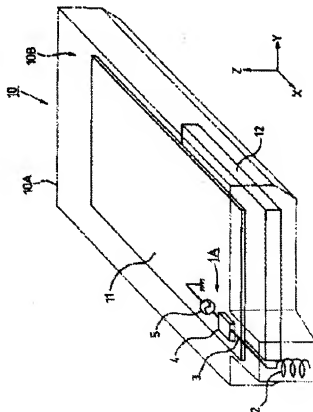
Application number: JP20000231709 20000731

Priority number(s): JP20000231709 20000731

[Report a data error here](#)

Abstract of JP2002050914

PROBLEM TO BE SOLVED: To realize a high antenna gain in the state in which a portable radio unit is placed on a metallic table or held by the hand. **SOLUTION:** A helical part 2 and a mono-pole part 3 are disposed so that an angle formed by the axial directions of these parts is about 90 degrees. The mono-pole part 3 is disposed so that the axial direction is parallel with a surface 10B which has the largest area among the surfaces of a housing 10A of the portable radio unit 10. This structure enables the high antenna gain even when using the unit in the stage that it is placed on a metallic table or held by the hand.



Data supplied from the [esp@cenet](#) database - Worldwide